

## ABSTRACT

A system and method are provided that use mobile collectors for accessing a wireless sensor network. In certain embodiments, one or more mobile collectors having mobility that is unpredictable to a wireless sensor network are deployed for use in accessing the wireless sensor network. Thus, rather than relying on an access technique having certainty designed therein with regard to the access of a wireless sensor network, certain embodiments utilize an access technique that relies on statistical probability for accessing the wireless sensor network. For instance, by deploying a plurality of mobile collectors that are operable for accessing a wireless sensor network, a statistical probability exists that at some point (or at various points in time) at least one of the mobile collectors will travel within range of the wireless sensor network to enable access thereof.